

EasyGrid

Plug In Hybrid Power Units for Remote and Off Grid Environments.



Our EasyGrid range brings a plug in hybrid power solution to any location without a mains grid connection. A pre-configured, self-contained unit built from durable, high quality components; fully tested and ready to install.

The hybrid power unit connects to a generator, and renewables if available, storing energy in its battery bank until needed. When power requirements are low - silent, emission free electricity is supplied from the battery bank, allowing more cost efficient use of the generator which does not need to run 24/7 and only starts when the loads are high or the batteries need to be topped up.

The EasyGrid range incorporates a Victron Color Control as standard, this enables full online monitoring via the Victron VRM website. This shows all relevant parameters and historic data including battery capacity, power usage and solar input along with many other selectable parameters. The owner can also set alarms to ensure that the whole system operates at its optimum performance at all times.



Silent Power
Battery storage delivers silent power



Fuel Saving
Save fuel by running generator less



Remote Monitoring
Full control and monitoring of your hybrid system

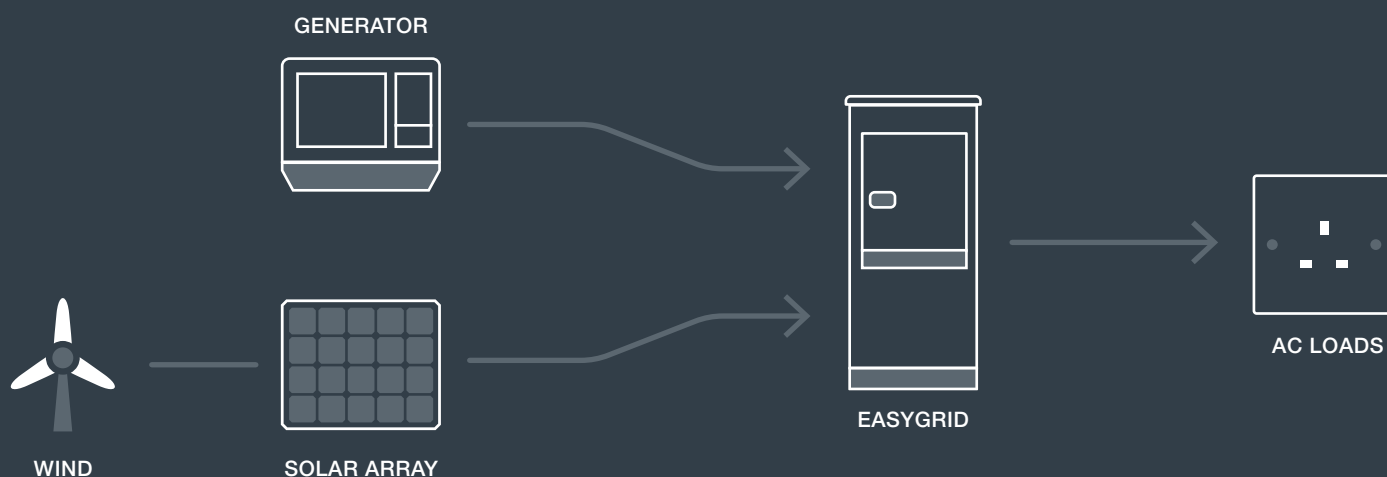





Lower Emissions
Less generator run time reduces emissions



Installation
Simple installation and configuration

An EasyGrid hybrid power system



	EasyGrid 3000	EasyGrid 5000	EasyGrid 10000
			
Inverter Charger Model	Victron MultiPlus 48V 3000VA	Victron MultiPlus 48V 5000VA	Victron Quattro 48V 10000VA
Transfer switch	50A	100A	
AC Input	187 - 265VAC 1PH		
DC voltage range	38 – 66V		
Output Voltage	230VAC ± 2% Frequency: 50Hz ± 0.1% (1)		
Cont. output at 25 °C	2400W	4000W	9000W
Cont. output at 40 °C	2200W	3700W	8000W
Peak power	6000W	10,000W	20,000W
Outlets (Standard)	1 x 32A 1PH		1 x 63A 1PH
SOLAR CHARGE CONTROLLER			
Model	Victron BlueSolar Charge Controller		
Max output current	70A	85A	
Max PV power suggested	4kW max.	6.8kW max.	
Max PV open circuit voltage	150V	250V	
Operating temp. range	-20 to +50°C (fan assisted cooling)		
MONITORING			
Victron VRM	Yes		
BATTERIES			
Type / Quantity	12V x 4	2V x 24	
Cyclic Life	1200	1500	
Type	Thin Plate Pure Lead	Gel	
Capacity (50% DOD)	10.2kWh (Usable 5.1kWh)	42kWh (Usable 21kWh)	
ENCLOSURE			
Dimensions (mm) (WxDxH)	680x870x1460		1513x824x1031
Weight	380kg	392kg	1520kg
Lifting options	Fork		

May 2019



Made in the UK

Designed and built in the UK by Energy Solutions – with over 20 years of electrical power experience, each unit is manufactured to the exacting standards required for standalone power sources.

Warranty and Service

The unit is covered by our own one year warranty, and the Victron power electronics are covered with a 5 year limited warranty.

Images are for illustrative purposes only and actual products and examples may differ from those shown. All details correct at time of going to press but subject to change. E & EO."